

The Smarter Balanced Assessment System



Smarter Balanced Field Test Training

Smarter Balanced Estimated Testing Time*

Field Test downtimes:

-April 10-April 13

-May 8-May 11

-During this downtime
time, Science ISATs,
ISAT retakes and/or
EOCs (in May)
could be administered

Content Area	Grades	Non-Performance Task items	Performance Task	Total	In-Class Activity	Total
English Language Arts/Literacy	3-5	1:30	2:00	3:30	:30	4:00
	6-8	1:30	2:00	3:30	:30	4:00
	9-11	2:00	2:00	4:00	:30	4:30
Mathematics	3-5	1:30	1:00	2:30	:30	3:00
	6-8	2:00	1:00	3:00	:30	3:30
	9-11	2:00	1:30	3:30	:30	4:00
Both	3-5	3:00	3:00	6:00	1:00	7:00
	6-8	3:30	3:00	6:30	1:00	7:30
	9-11	4:00	3:30	7:30	1:00	8:30

*Times are estimates of test length for most students. Smarter Balanced assessments are designed as untimed tests; some students may need and should be afforded more time than shown in this table.



Smarter Balanced Practice and Training Tests

<http://sbac.portal.airast.org/practice-test/>

Practice Tests have been updated to include additional universal tools

Training Tests now available with additional accommodation settings

Smarter Balanced

Performance Tasks & In-Class Activities

<http://sbac.portal.airast.org/practice-test/>

<http://sampleitems.smarterbalanced.org/itempreview/sbac/ELA.htm>

<http://sampleitems.smarterbalanced.org/itempreview/sbac/index.htm>

Smarter Balanced Technology Requirements & Considerations



Technology Requirements

- <http://www.sde.idaho.gov/site/commonAssessment/>
- www.techreadiness.net
- <http://sbac.portal.airast.org/field-test/resources/>
 - Technical Spec Manual

DIVISIONS PROGRAMS COMMUNICATION RESOURCES DATA COLLECTION ADMINISTRATORS



IDAHO
STATE DEPARTMENT OF EDUCATION



TechReadinessTool

Smarter Balanced Assessment System

Technology Requirements

- <http://www.sde.idaho.gov/site/commonAssessment/>



STATE DEPARTMENT OF EDUCATION

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TOM LUNA
STATE SUPERINTENDENT
PUBLIC INSTRUCTION

TO: District Superintendents
CC: District Technology Coordinators
DATE: December 18, 2013
SUBJECT: ISAT, EOC Science, and SBAC System Requirements

This information is provided to districts and schools to plan for the testing administrations for this school year. Please share with your district and school technical coordinators.

System Requirements

Operating System	ISAT Required Test	EOC Science <i>Optional*</i> Field Test	SBAC <i>Required</i> Field Test
Tests Administered	CAL test engine for Science grades 5,7, 10: Retest in Math, Reading, Language Usage for 11th and 12th grades	DRC's INSIGHT test engine for high school Biology and/or Chemistry field test	SBAC test engine for grades 3-11 for ELA and Mathematics.
Mac OS X	OS X 10.6 OS X 10.7 OS X 10.8 300 MHz Processor 128 MB RAM, 256 MB recommended <u>Additional requirements for Visual Accommodations:</u> 1 GHz, 1.5 GHz recommended	OS X 10.6.8 OS X 10.7 OS X 10.8 1 GHz Processor 512 MB, 1 GB recommended	<u>Minimum:</u> Mac OS X 10.4.4 Macintosh computer with Intel x86 or PowerPC G3 (300 MHz) processor, 256 MB RAM, 200 MB hard drive free space <u>Recommended for new purchases:</u> Mac OS X 10.7+ 1 GHz processor



Device Requirements



Operating System	Minimum Smarter Balanced Requirements for Current Computers ¹²³	Recommended Smarter Balanced Minimum for New Purchases
Windows	Windows XP (service pack 3) Pentium 233 MHz processor 128 MB RAM 52 MB hard drive free space	Windows 7+ 1GHz processor 1GB RAM 80 GB hard drive or at least 1GB of hard drive space available
Mac OS X	Mac OS X 10.4.4 Macintosh computer with Intel x86 or PowerPC G3 (300 MHz) processor, 256 MB RAM, 200 MB hard drive free space	Mac OS X 10.7+ 1 GHz processor 1GB RAM 80 GB hard drive or at least 1GB of hard drive space available
Linux	Linux (Ubuntu 9-10, Fedora 6) Pentium II or AMD K6-III 233 MHz processor 64 MB RAM 52 MB hard drive free space	Linux (Ubuntu 11.10, Fedora 16) 1 GHz processor 1GB RAM 80 GB hard drive or at least 1GB of hard drive space available
iOS	iPads 2 running iOS6	iPads 3+ running iOS6
Android	Smarter Balanced-certified* Android-based tablets running Android 4.0+	Smarter Balanced-certified* Android-based tablets running Android 4.0+
Windows	Windows-based tablets running Windows 8+ (excluding Windows RT)	Windows-based tablets running Windows 8+ (excluding Windows RT)
Chrome OS	Chromebooks running Chrome OS (rolling release)	Chromebooks running Chrome OS (rolling release)



Operating System Requirements



Recorded webex: The Installation of the Secure Browser is posted on our SDE website (2/19):

<http://www.sde.idaho.gov/site/commonAssessment/>



Operating System	Operating System Version	Secure Browser
Windows	XP SP3, Vista, 7, 8, 8.1 Windows Server 2003, 2008, and 2012	Windows Secure Browser as released prior to school start
Mac OS X	10.4.4, 10.5 with PowerPC	Mac Secure Browser as released prior to school start
Mac OS X with Intel	10.4.4, 10.5, 10.6, 10.7, 10.8, 10.9	Mac Secure Browser as released prior to school start
Linux	Fedora 6 (K12LTSP 4.2+) Ubuntu 9-12	Linux Secure Browser as released prior to school start
iOS	iOS 6, iOS 7	iOS Secure Browser as released prior to school start
Android	Android 4.0 on Smarter Balanced-certified* device	Android Secure Browser as released prior to school start
Windows tablets	Windows 8 (excluding Windows RT)	Windows 8 Secure Browser as released prior to school start
Chrome OS	Chrome OS (v19+)	Chrome Secure Browser as released prior to school start

* The Smarter Balanced "Device Certification Process" includes the certification of specific device models from manufacturers, including, but not limited to, Android-based devices.

Additional Requirements



Device Requirements

Minimum Smarter Balanced Requirements for Current Computers

Screen Size

10" class or larger with 1024 x 768 display resolution

Headphones/earphones

Available to students for use during the English language arts test and for students who require text-to-speech features on the mathematics test

Security

The device must have the administrative tools and capabilities to temporarily disable features, functionalities, and applications that could present a security risk during test administration.

Keyboards

External keyboards are required in all cases unless specified differently by a student's Individualized Education Program (IEP) or 504 plan. Any form of external keyboard that disables the on-screen virtual keyboard is acceptable. This includes mechanical, manual, plug and play, and wireless-based (e.g., Bluetooth, RF, IR) keyboards. The intent of this specification is to ensure the required display area is available to allow students to read multiple sources of complex item text and respond to source evidence for analytical purposes.

While wireless keyboards are permissible, districts should be aware that high-density deployments of wireless keyboards and mice might interfere with each other or with the wireless network. Therefore, they should test the room configuration before the examination date and consider wired alternatives.

Pointing Device

A pointing device must be included. This may consist of a mouse, touch screen, touchpad, or other pointing device with which the student is familiar.

Form Factors

No restriction as long as the device meets the other stated requirements. These forms include desktops, laptops, netbooks, virtual desktops and thin clients⁴, tablets (iPad, Windows, Chromebooks, and Android), and hybrid laptop/tablets.

Network

Must connect to the Internet with a minimum of 20 Kbps available per student to be tested simultaneously. Local Web proxy caching servers are not recommended.

Field Test Hardware Essentials

Printers

Test administrators can print out test session information and in certain situations can approve student requests to print reading passages, and in very restricted circumstances print test items. It is strongly recommended however that test administrators be connected to a single local or network printer in the testing room.

Headphones

The English-language arts assessments contain audio (recorded and/or computer-based read-aloud), and students must be provided with headphones so they have the option to clearly listen to the audio in these tests. Similarly, some students may need the support of text read-aloud by the computer as part of the mathematics assessment. In these cases, students should be provided headphones as well. Districts are encouraged to test the quality of the headphones in advance, as many districts and schools opt to purchase fairly inexpensive, bulk-type units when it comes to headphones for general student use.



Field Test Network Information

- Currently estimate that the Smarter Balanced assessment will require **10–20 Kbps per student** or less.
- The bandwidth checker is hosted at https://air.tds.airast.org/student/Pages/LoginShell.aspx?section=sectionDiagnostics&c=SBAC_PT.
- It can be run using modern versions of Mozilla Firefox or Google Chrome on computers with Windows, OS X, or Linux operating systems; Safari on tablets using the iOS operating system; and Chrome on tablets using the Android operating system. The bandwidth checker cannot be accessed using Internet Explorer.
- **FYI: Data is NOT cached!**



Smarter Balanced Tickets and Student Logins

Available on page 81 of the TAM and pages 30-32 of the TIDE Users Guide: <http://sbac.portal.airast.org/field-test/>

- Test Administrators can generate and print test session tickets by exporting the information from the TIDE.
- More information will be available in the Test Administrators Guide which will be released in March
- Tickets should include the confirmation code (first name), SSID (EDUID) and session ID



Smarter Balanced Pause Rule and Log outs

- 20 minute pause rule – student can continue the test, moving forward and backwards
- After 20 minutes the test will save and log out. The student will not be able to go backwards in the test.
- For the non-performance tasks, students can restart at any time during the testing window
- Performance tasks can be resumed at the place where the exam was stopped. The 20 minute pause rule applies. The logout rule also applies.
- The ELA/Literacy performance task can be broken into Part 1 and Part 2; math only has one part.



Smarter Balanced Resources

Available on the Field Test Portal:

<http://sbac.portal.airast.org/field-test/>

- Usability, Accessibility, and Accommodations Guidelines
- TAM (Field Test Administration Manual)
- TIDE Users Guide (Test Information Distribution Manual)
- Tech Specs Manual
- About Secure Browsers for iPads and Tablets
- Coming in early March: Test Administrations Users Guide



Smarter Balanced Field Test Communication Tool Kit

- **Sample Timeline of Activities**
- **Fact Sheets and FAQ docs**
- **Parent Q and A**
- **Sample Newsletter**
- **Power Point Template**



Smarter Balanced Modules

5-50 minute modules targeted at different audiences

- **Accessibility and Accommodations**
- **Test Administration Overview**
- **Test Administrator Interface**
- **Performance Task Overview**
- **What is a CAT?**
- **Let's Talk Universal Tools**
- **Student Interface**
- **Technology Requirements**
- **TIDE (Test Information Distribution Engine)**
- **What is a Field Test?**



Smarter Balanced Additional Resources

- **Test Security Log**
- **Text-To-Braille Technology Requirements**
- **Test Timing Documents**
- **User Checklists**
- **Multiplication Tables**
- **Keyboard Commands**
- **Parent/Guardian Letter**



Smarter Balanced SDE Resources

Available on the SDE Webpage:

<http://www.sde.idaho.gov/site/commonAssessment/>

- Monthly Memos
- Parent Letters
- FAQ Documents
- Technology WebExs and Power Points
- This PPT Presentation and an archive of the recorded session from Boise 2/24



Smarter Balanced TIDE System

TIDE Log In and Student Information Uploads

<http://sbac.portal.airast.org/field-test/>

It will be important for your district to determine protocol for permissioning users into TIDE – who can permission and at what level?



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